BRUHAT BENGALURU MAHANAGARA PALIKE
YELAHANKA ZONE

AME OF WORK : IMPROVEMENTS OF FOOTPATH AND PROVIDING MISSING COVERING SLABS A
LAHANKA NEW TOWN 5th PHASE IN WARD NO.02 OF YELAHANKA SUB-DIVISION

Estimate Cost Rs. 25.00 Lakhs

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for **levelling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1)								
5th Phase New town, yelahanka	Cum							
MIGB Block No.10		1	25.00	$\frac{20+12}{2}$	0.40	160.00		
		1	13.85	16.85	0.40	93.35		
MIGB Block No.		1	29.00	$\frac{16+12}{2}$	0.40	162.40		
MIGB Block No.5,6,7,8		1	28.40	$\frac{20.6+7.3}{2}$	0.40	158.47		
						574.22	166.42	**95561.86**
Basic Rate	157.00							
Area Weightage @ 6%	9.42							
Total	**166.42**							
KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1)								
	Cum							
Average Weight of Earth 1.28 Tonne/Km				Qty Vide Item No.1		**574.22**	100.00	**57422.10**
Basic Rate Lead Charges for 10.00 Kms (2.50X1.28X10.00)	32.00							
Add loading and unloading Item No 17.1)	68.00							
Total	**100.00**							
KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158 I.No.20.18)								
5th Phase New town, yelahanka	Cum							
MIGB Block No.10		1	25.00	$\frac{20+12}{2}$	0.15	60.00		
		1	13.85	16.85	0.15	35.01		
IGB Block No.		1	29.00	$\frac{16+12}{2}$	0.15	60.90		

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
MIGB Block No.5,6,7,8		1	28.40	$\frac{20.6+7.3}{2}$	0.15	59.43		
						215.33	1768.08	**380725.75**
Basic Rate 1668.00								
Area Weightage @ 6% 100.08								
Total 1768.08								

KSRB 14.6-2 : Providing and laying **heavy duty cobble stones 60 mm** thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. (P No. 101 / Item No. 14.6)

5th Phase New town, yelahanka	Sqm							
MIGB Block No.10		1	25.00	$\frac{20 + 12}{2}$		400.00		
		1	13.85	16.85		233.37		
MIGB Block No.		1	29.00	$\frac{16 + 12}{2}$		406.00		
MIGB Block No.5,6,7,8		1	28.40	$\frac{20.6+7.3}{2}$		396.18		
						1435.55	966.72	**1387777.31**
Basic Rate 912.00								
Area Weightage @ 6% 54.72								
Total 966.72								

Providing and fixing **RCC precast Slabs of 0.10 m thick of CC 1:2:4 with 20 mm** and down size graded granite metal , machine mixed , including cost of all material , labour , HOM of Machinery , curing complete

	Sqm							
missing bit		90	0.90	0.60		48.60		
						48.60	2100.00	**102060.00**
Data Rate **2100.00**								

5.29(b)Providing and fixing **pre cast solid cement concrete kerb stones** made out of No.272.21 C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete (P.No.25 /It.No.5.30)

	No							
		1	345.00		$\frac{345.00}{0.45}$	766.67		
					Say	**766.00**	331.78	**254143.48**
Basic Rate 313.00								
Area Weightage @ 6% 18.78								
Total 331.78								

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
KSRB 15-19.2 :Providing and applying ready mix priming coat over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the surface after throughly cleaning of oil,grease,dirt and other foreign matter and sand papering including cost of materials, labour, complete as per specifications. (Page no.121 / It no.15.80)								
	Sqm							
		1	345.00		0.40	138.00		
						138.00	27.56	3803.28
Basic Rate	26.00							
Area Weightage @ 6%	1.56							
Total	**27.56**							
KSRB 800-1.Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (Page No.182 & Item No.24.1)								
	Sqm							
			Qty Vide Item No.7			**138.00**	63.60	8776.80
Basic Rate	60.00							
Area Weightage @ 6%	3.60							
Total	**63.60**							
					Sub-Total Amount			2290271.00
9% for KRIDL Charges								206124.00
Miscellaneous and unforeseen charges	LS							3605.00
					Grand Total Amount			2500000.00

(Rupees Twenty Five Lakhs Only)

RTIFICATE

The site has been inspected and the work is found to be necessary.
The rates adopted are as per PW,P IWTD SR of 2016-17 and data rate of Bangalore Circle.
The provisions were made in this estimate are necessary and adequate.
The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.

Assistant Engineer
Ward No.02

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

Executive Engineer
Yelahanka Division
B.B.M.P

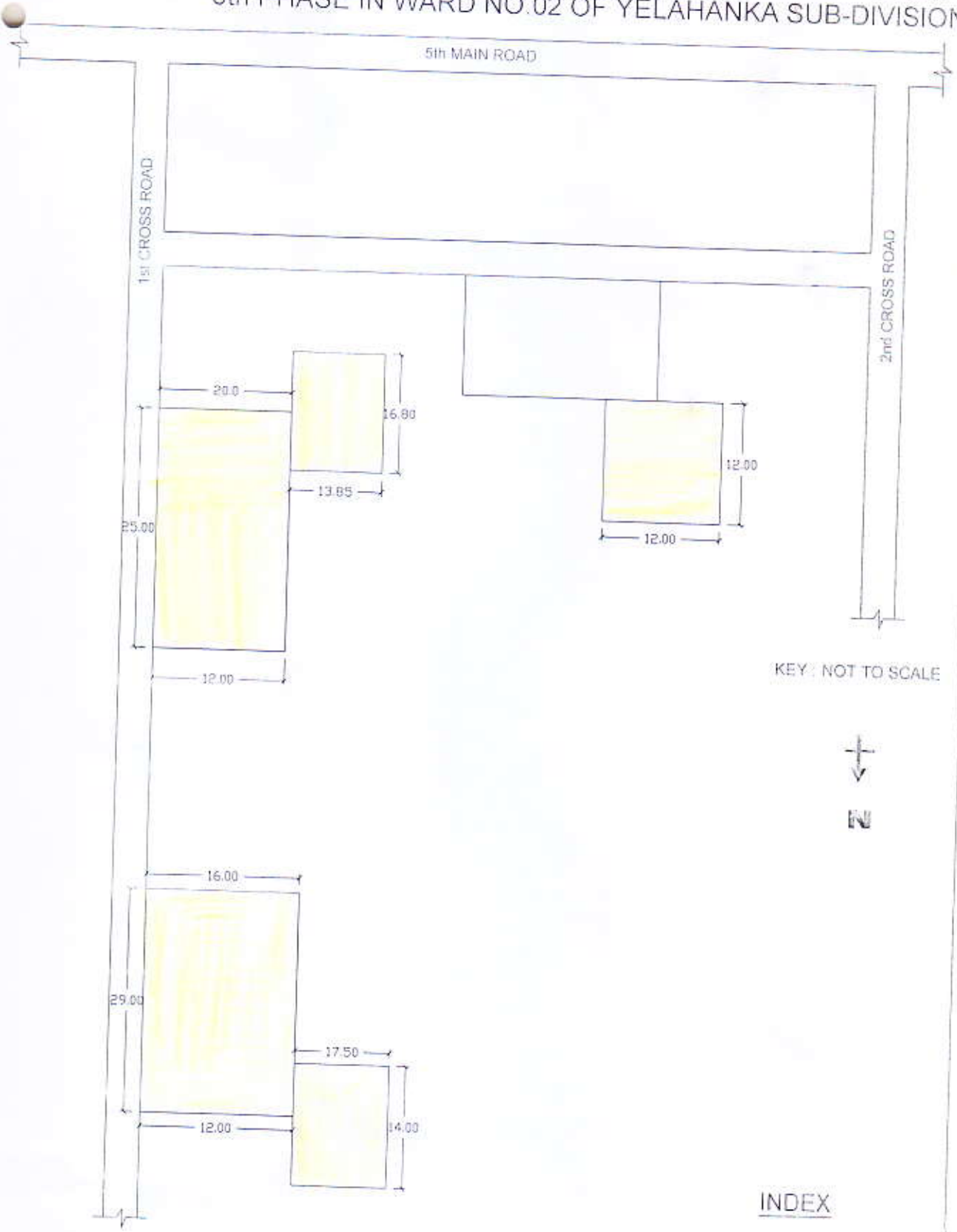
Administrative Approval
Accorded For 25.00 lakh Rs
Head of A/C P3172
CER NO :240 Dt:31/03/17

TA CE (YNK)

Technical Sanction
Accorded For 25.00 lakh Rs
Head of A/C P3172
CER NO :213 Dt:31/03/17

TA CE (YNK)

NAME OF WORK : IMPROVEMENTS OF FOOTPATH AND PROVIDING MISSING COVERING SLABS AT YELAHANKA NEW TOWN 5th PHASE IN WARD NO.02 OF YELAHANKA SUB-DIVISION



Assistant Engineer
Ward No 02
B B M P

Assistant Executive Engineer
Yelahanka Sub Division
B B M P